

# SECOND INTERNATIONAL SYMPOSIUM ON HORMONAL CARCINOGENESIS

IN ASSOCIATION WITH THE  
CENTER FOR NUTRITIONAL TOXICOLOGY  
THE KAROLINSKA INSTITUTE (NOVUM, SOUTH CAMPUS)

JULY 5-9, 1994

KAROLINSKA INSTITUTE  
STOCKHOLM, SWEDEN

## EXECUTIVE BOARD

JONATHAN J. LI

SARA ANTONIA LI

DIVISION OF ETIOLOGY

PREVENTION OF HORMONAL CANCERS

UNIVERSITY OF KANSAS CANCER CENTER

SATYADRATA NANDI

CANCER RESEARCH LABORATORY

UNIVERSITY OF CALIFORNIA - BERKELEY

LEA I. SEKELY

DIVISION OF CANCER ETIOLOGY

NATIONAL CANCER INSTITUTE

## SCIENTIFIC ADVISORY BOARD

Janet R. Daling - USA

Jack Gorski - USA

Jan-Ake Gustafsson - Sweden

Rolf Shulte-Berthmann - Austria

Shutsung Liao - USA

George Lucier - USA

Manfred Metzler - Germany

James S. Norris - USA

Pentti Siitonen - USA

Naoki Terakawa - Japan

Reijo Vihko - Finland

James D. Yager - USA

## Sole Travel Agent:

Bryan World Tours - Topeka,

Kansas (1-800-255-3507)

Delta Airlines

Applicants are encouraged to submit  
abstracts for poster presentation.

Epidemiology/Cell & Molecular Biology

Information and Application Forms:

Dr. Jonathan J. Li, Chairman

Hormonal Carcinogenesis Symposium

University of Kansas Cancer Center

University of Kansas Medical Center

3901 Rainbow Blvd.

Kansas City, Kansas 64160-7312

Publishers: Springer-Verlag NY, NY

Deadline Registration: April 10, 1994



SECOND INTERNATIONAL SYMPOSIUM ON  
HORMONAL CARCINOGENESIS  
STOCKHOLM, SWEDEN

MONDAY, JULY 4, 1994

Reception

7:30 - 10:00                      *Novum Foyer*

TUESDAY, JULY 5, 1994

Opening Proceedings

8:45 - 9:00	Introductory Remarks	J.J. Li (USA)
9:00 - 9:15	Welcome	
9:15 - 9:25	Speaker Introduction	L.I. Sekely (USA)
9:25 - 10:05	Symposium Address: Novel Aspects on Ligand Activated Transcription Factors in Control of Cytochrome P-450.	J-A. Gustafsson (SWEDEN)
10:05 - 10:20	<i>Discussion</i>	
10:20 - 10:35	<i>Break</i>	

Morning Session: Epidemiology: Hormonal Cancers

10:35 - 10:50	Chairman: Causality in Hormone Associated Human Cancers.	J.R. Daling (USA)
10:50 - 11:15	Speaker 1: Oral Contraceptives & Breast Cancer: A Collaborative Reanalysis.	L. Brinton (USA)
11:15 - 11:30	<i>Discussion</i>	

11:30 - 11:55	Speaker 2: Breast Cancer Incidence in Women Exposed to Estrogen and Estrogen/Progestin Replacement Therapy.	L. Berqvist (SWEDEN)
11:55 - 12:10	<i>Discussion</i>	
12:10 - 12:35	Speaker 3:	R. Haile (USA)
12:35 - 12:50	<i>Discussion</i>	
12:50 - 2:00	<i>Lunch</i>	
2:00 - 2:40	STATE OF THE ART Mechanism of Estrogen Action	M. Parker (UNITED KINGDOM)

**Afternoon Session: Breast/Mammary Gland**

2:40 - 2:55	Chairman: Hormones and Mammary Carcinogenesis	J. Gusterson (UNITED KINGDOM)
2:55 - 3:20	Speaker 1: Breast Susceptibility to Carcinogenesis.	J. Russo (USA)
3:20 - 3:35	<i>Discussion</i>	
3:35 - 4:00	Speaker 2: Preneoplasia in Mammary Gland: Hormones, Growth Factors and Gene Expression.	D. Medina (USA)
4:00 - 4:15	<i>Discussion</i>	
4:15 - 4:30	<i>Break</i>	
4:30 - 4:55	Speaker 3: Pathogenesis of Ductal and Lobular Progestine-induced Mammary Carcinomas in BALB/c Mice.	A. Molinolo (ARGENTINA)
4:55 - 5:10	<i>Discussion</i>	

WEDNESDAY, JULY 6, 1994

8:50 - 9:30	STATE OF THE ART Cell Cycle and Cell Proliferation.	T. Hunt (UNITED KINGDOM)
-------------	---	-----------------------------

Morning Session: Endometrium/Uterus/Pituitary

9:30: - 9:45	Chairman: Developmentally-induced Uterine Cancer as a Model for Hormonal Carcinogenicity.	J.A. McLachlan (USA)
--------------	--	-------------------------

9:45 - 10:10	Speaker 1: Mechanisms of Growth Regulation by Estrogens.	J. Gorski (USA)
--------------	--	--------------------

10:10 - 10:35	<i>Discussion</i>	
---------------	-------------------	--

10:35 - 10:50	<i>Break</i>	
---------------	--------------	--

10:50 - 11:15	Speaker 2: 17-HSD in the Human Endometrium.	R. Vihko (FINLAND)
---------------	---	-----------------------

11:15 - 11:30	<i>Discussion</i>	
---------------	-------------------	--

11:30 - 11:55	Speaker 3: Hormones and Growth Factors in Endometrium and Endometrial Carcinoma.	N. Terakawa (JAPAN)
---------------	---	------------------------

12:55 - 12:10	<i>Discussion</i>	
---------------	-------------------	--

12:10 - 1:00	<i>Lunch</i>	
--------------	--------------	--

Afternoon - Open/Tours-Optional

6:00 - 10:00	Cruise/Dinner Wasa Museum	
--------------	---------------------------	--

THURSDAY, JULY 7, 1994

8:50 - 9:30

STATE OF THE ART  
Molecular Cytogenetics and  
Cell Transformation.

P. Lichter  
(GERMANY)

Morning Session: Kidney

9:30 - 9:45

Chairman:  
Estrogens and Genitourinary  
Cancers.

J.S. Norris  
(USA)

9:45 - 10:10

Speaker 1:  
Cell of Origin of  
Estrogen-induced Kidney  
Tumors.

A. Llombart-Bosch  
(SPAIN)

10:10 - 10:35

*Discussion*

10:35 - 10:50

*Break*

10:50 - 11:15

Speaker 2:  
  
Interaction of Estrogens  
in Microtubule Assembly:  
Significance for Aneuploidy.

M. Metzler  
(GERMANY)

11:15 - 11:30

*Discussion*

11:30 - 11:55

Speaker 3:  
Mechanism of Estrogen  
Carcinogenesis: Cell  
Proliferation, Aneuploidy  
and Chromosomal Imbalance.

S.A. Li  
(USA)

11:55 - 12:10

*Discussion*

12:10 - 1:00

*Lunch*

Afternoon Session: Liver

1:00 - 1:15	Chairman: Role of Estrogens in Liver Carcinogenesis.	J. Yager (USA)
1:15 - 1:40	Speaker 1: Regulation of Cell Proliferation and Apoptosis in the Liver by Hormones.	R. Schulte-Hermann (AUSTRIA)
1:40 - 1:55	<i>Discussion</i>	
1:55 - 2:20	Speaker 2: Possible Mechanisms Involved in Tamoxifen-Induced Liver Tumor in Rats.	D. Kupfer (USA)
2:20 - 2:45	<i>Discussion</i>	
2:45 - 3:10	Speaker 3: Regulation of Growth-associated Nuclear Transcription Factors During Growth Hormone-regulated, Sex Differentiated Rat Liver Carcinogenesis.	I. Porsch Hallstrom (SWEDEN)
3:10 - 3:25	<i>Discussion</i>	
3:25 - 3:40	<i>Break</i>	
3:40 - 4:40	POSTER SESSION: Epidemiology  <i>Poster Discussion</i> Chairpersons:	R. Hulka (USA) N. Weiss (USA)
7:30 - 10:00	SYMPOSIUM BANQUET City Hall - Nobel Hall	

FRIDAY, JULY 8, 1994

8:45 - 9:30	STATE OF THE ART Genomic Plasticity, Tumor Suppressor Genes and Human Cancer.	C. Harris (USA)
Morning Session: Prostate		
9:30 - 9:45	Chairman: Mechanisms of Hormone-related Prostatic Carcinogenesis.	D. Coffey (USA)
9:45 - 10:00	Speaker 1: Gene Expression During Prostate Carcinogenesis.	D.J. Tindall (USA)
10:10 - 10:25	<i>Discussion</i>	
10:25 - 10:40	<i>Break</i>	
10:40 - 11:05	Speaker 2: Androgen Receptor Function and Protooncogene Expression in Androgen Sensitive and Insensitive Prostate Cancer Cells.	S. Liao (USA)
11:05 - 11:20	<i>Discussion</i>	
11:20 - 11:45	Speaker 3: Regulation of Prostatic Growth and Gene Expression by Bone and Prostate Stromal-derived Factors.	L. Chung (USA)
11:45 - 12:00	<i>Discussion</i>	
12:00 - 1:00	<i>Lunch</i>	
Afternoon Session:		
1:00 - 1:40	SYMPOSIUM ADDRESS Mammary Carcinogenesis: Role of Hormones in Initiation.	S. Nandi (USA)
1:40 - 2:00	<i>Discussion</i>	

2:00 - 2:15	Concluding Remarks Sex Hormones & Neoplastic Transformation: Some Thoughts on a Continuing Controversy.	J.J. Li (USA)
2:15 - 2:30	NIH Programs in Etiology of Hormone-associated Cancers.	D. Longfellow (USA)
2:40 - 4:40	POSTER SESSION: Cell & Molecular Biology.	
	<i>Poster Discussion</i> Chairpersons:	G.C. Mueller (USA) E.V. Jensen (GERMANY)

SATURDAY, JULY 9, 1994

WORKSHOP: Clinical Forum  
Risk and Benefits of Hormone  
Replacement Therapy.

Chairpersons: E. Baulieu (FRANCE) P. Siiteri (USA)  
G.W. Lucier (USA) N. Weiss (USA)

8:30 - 8:55	Risk and Benefits of Hormone Replacement Therapy	To be Announced
8:55 - 9:15	<i>Discussion</i>	
9:15 - 9:40	Use of Hormone Replacement Therapy in Women Previously Treated for Breast Cancer.	To be Announced
9:40 - 10:00	<i>Discussion</i>	
10:00 - 10:25	Hormone Replacement Therapy and Cardiovascular Disease Risk.	To be Announced
10:25 - 10:45	<i>Discussion</i>	
10:45 - 11:00	<i>Break</i>	



11:00 - 11:25	Risk and Benefits of Oral Contraceptives.	To be Announced
11:25 - 11:45	<i>Discussion</i>	
11:45 - 12:10	Oral Contraceptives and the Risk of Breast and Cervical Cancer.	To be Announced
12:10 - 12:30	<i>Discussion</i>	